Revised Date: 11/09/2004 Application No. 10/726,487

Filing Date: 12/04/2003

First Named Inventor: Ramgopal Vissa Confirmation No. 7523

Examiner: Fastovsky, Leonid M

Art Unit: 3742

Date Mailed by Examiner: 07/05/2005

Date Returned from Inventor: 08/01/2005

Claims:

Claims 1-2 (canceled)

3) (Currently Amended) An infrared heating apparatus for surface heating, the

apparatus comprising of at least one infrared module which can revolve on at

least two cartesian coordinate axes and wherein each said at least one module

contains one or more infrared heaters, wherein the major dimension of any

heater defines a x-axis,

and,

each module is joined to at least one rotation swivel point such that a 360 degree

rotation on an axis normal to the x-axis and a 180 degree rotation on the x-axis is

allowed, and at least one module is attached to at least two swivel points and

where at least one swivel point for a 360° rotation lies on a non-radiation side of

the module, and the said apparatus may be used at its fully rated power in all

configurations.

4) (Currently Amended) The apparatus of claim 3 with a flexible frame comprising

at least two or more orthogonal swivel points.

Claims 5-6 (canceled)

ŏ

Revised Date: 11/09/2004 Application No. 10/726,487

Filing Date: 12/04/2003

First Named Inventor: Ramgopal Vissa Confirmation No. 7523

Examiner: Fastovsky, Leonid M Art Unit: 3742

Art Unit: 3742 Date Mailed by Examiner: 07/05/2005 Date Returned from Inventor: 08/01/2005

- 7) (Previously Presented) The apparatus of claim 3 for use as a die heater.
- 8) (Previously Presented) The apparatus of claim 3 for use as a paper dryer.
- 9) (Previously Presented) The apparatus of claim 3 for use as a paint remover.
- 10) (Previously Presented) The apparatus of claim 3 for use with a convective heating generator.
- 11) (Previously Presented) The apparatus of claim 3 for use with convective ionized gas.